Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	edge adj bounded adj averag$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/18 13:01
L2	374663	pixel$1 or pel$1 or (picture adj element$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/18 13:10
L3	850	(averag$3 or mean) near2 ((touching or connected or adjacent) near2 2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/18 15:37
L4	72	3 with (mask or window or block or template$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/18 14:05
L5	11	((touching or connected or adjacent) near2 2) near4 ((divid$3 or ratio or proportion or fraction) near3 (total or all))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/18 14:50
L6	2	immediate adj neighbor adj averaging	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/18 14:06
L7	5050	text$3 near2 extract$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/18 15:45
L8	1350	classif$7 near3 (edge$1 or (line adj segment$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/18 15:46

L9	1	7 same 8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/18 15:47
L10	21	7 and 8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/18 15:47

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Please review the Quick Tips below or for more information see the Search Tips.

Quick Tips

- Enter your search terms in lower case with a space between the terms.

  ```
  sales offices
  ```

  You can also enter a full question or concept in plain language.

  ```
  Where are the sales offices?
  ```

- Capitalize proper nouns to search for specific people, places, or products.

  ```
  John Colter, Netscape Navigator
  ```

- Enclose a phrase in double quotes to search for that exact phrase.

  ```
  "museum of natural history" "museum of modern art"
  ```

- Narrow your searches by using a + if a search term must appear on a page.

  ```
  museum +art
  ```

- Exclude pages by using a - if a search term must not appear on a page.

  ```
  museum -Paris
  ```

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

```
museum +"natural history" dinosaur -Chicago
```

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(averag* <or> mean) <near> ((touch* <or> connect* <or> a

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((touching <or> connected <or> adjacent) <near> (pixel <or

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Nothing Found

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```

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Web Results **1** - **5** of about **6** for **"edge bounded averaging"**. (**0.29** seconds)

Tip: Try removing quotes from your search to get more results.

HP Labs : Tech Report: HPL-2002-294: Text Extraction via an
... Click here for full text: PDF Text Extraction via an **Edge-bounded Averaging** and a Parametric Character Model. Fan, Jian. HPL-2002-294 20021025 External. ...
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... 11:00 am. 11:00 am: Text extraction via an **edge-bounded averaging** and a parametric character model, J. Fan, Hewlett-Packard Labs. [5010-02]. ...
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... (USA); pages 1-7. Text extraction via an **edge-bounded averaging** and a parametric character model Jian Fan, Hewlett-Packard Labs. (USA); pages 8-19. ...
www.imaging.org/store/physpub. cfm?seriesid=24&pubid=571 - 17k - Cached - Similar pages

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(edge <near/2> bounded) <near/2> averag* Search

☐ Check to search within this result set

Results Key:
JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

---

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3) Limit the results by selecting Search Options.
4) Click Search. See Search Examples

```
(averag* <or> mean) <near/2>
((touch* <or> connect* <or>
adjacent) <near/2> (pixel
<or> pel <or> element))
```

Start Search Clear

Note: This function returns plural and suffixed forms of the keyword(s).

Search operators: <and> <or> <not> <in> More

Field codes: au (author), ti (title), ab (abstract), jn (publication name), de (index term) More

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- [x] IEE Journals
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```
immediate <near/2> (neighbor
<or> neighbour) <near/2>
averag*
```

Start Search Clear

Note: This function returns plural and suffixed forms of the keyword(s).

Search operators: <and> <or> <not> <in> More

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((touch* <or> connect* <or> adjacent) <near/2> (pix Search

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Results Key:
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Results:
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Example: optical <and> (fiber <or> fibre) <in> ti
3) Limit the results by selecting Search Options.
4) Click Search. See Search Examples

```
(text <near/2> extract*)
<and> classif* <and> (edge
<or> (line segments))
```

Start Search Clear

Note: This function returns plural and suffixed forms of the keyword(s).

Search operators: <and> <or> <not> <in> More

Field codes: au (author), ti (title), ab (abstract), jn (publication name), de (index term) More

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- [x] IEEE Conference proceedings
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4) Click Search. See Search Examples

```
(text <near/2> extract*)
<and> (classif* <near/3>
(pixel <or> pel <or> element))
```

Start Search Clear

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((touch* <or> connect* <or> adjacent) <near/2> (pixel <or> pel <or> element)) <near/4> ((divid* <or> ratio <or> proportion <or> fraction) <near/3> (total or all))

((character <or> word) <near/2> extract*) <and> (classif* <near/3> (pixel <or> pel <or> element <or> edge <or> segment))